

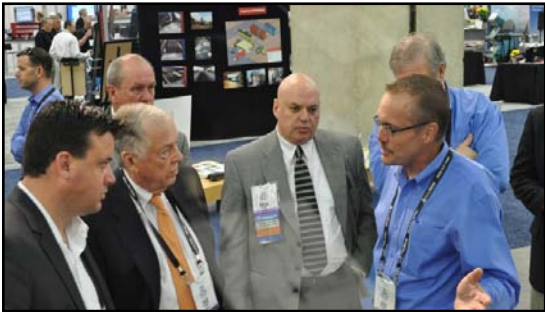


2011 Waste Expo Recap



Autocar booth

The Dallas Convention Center proudly welcomed the Waste Expo and nearly 7,000 attendees this year. The event took place between May 8th and 12th. In total, there were 579 exhibitors in attendance, with 175 new to the show this year.



President Jim Johnston (right) with T. Boone Pickens

For Autocar, the theme was green. The booth featured three uniquely powered trucks: a clean diesel commercial front loader, an automated side loader debuting the advanced series hydraulic hybrid E3 and a compressed natural gas automated side loader with a unique fuel tank installation. The booth and trucks drew the attention of thousands, but the most notable was oil tycoon turned natural gas advocate, T. Boone Pickens. Pictured left, Mr. Pickens discusses the E3 with Jim Johnston before visiting the compressed natural gas truck on display. Mr. Pickens was the featured presenter at this year’s main conference. He discussed topics on natural gas followed by a question and answer session.



14' Joe Autocar next to natural gas powered ACX

From the grass and dirt pathways under foot to soaring birds in the blue sky overhead, the message was clear - Autocar is the green leader. The advanced series hydraulic hybrid E3 and compressed natural gas powered truck were highlights of the show.



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Autocar, of course™

A Note From Jim...



Autocar...proudly owned and manufactured in the USA! Today, we should all be driving to reduce and ultimately eliminate our dependency on foreign oil. The natural gas boom is proof of what Americans can accomplish when we put our minds and backs into getting things done. Why is it, then, when there is a viable alternative, do some companies buy a foreign-built or owned product line to burn the new fuel of choice – natural gas?

Made in the USA...what does that mean for Autocar? That means our Autocar Xpeditor cab is built in Rochester, Minnesota and is fitted and painted in Huntington, Indiana. The Cummins engine is built in the USA and component dressed in Indianapolis, Indiana. The Allison transmissions are built in Indianapolis, Indiana. The Meritor axles are built in the Carolinas, and the Hendrickson suspensions are built in Kendallville, Indiana. And finally, the entire chassis is assembled and tested in Hagerstown, Indiana.

Do you still feel a surge of pride when the American flag unfurls and the National Anthem is played? Does your heart drop when you see headlines stating that the average middle-age person currently out of work may never be employed full-time again in his or her lifetime? Do you work with American companies to achieve more together or just make-do with something foreign-built because it's easier?

I am glad that the founders of our proud country are not around to see what a mess we have ourselves in right now. Let's do something about it. Stop reading negative headlines and start taking steps to build our great nation back up! Autocar hasn't thrown in the towel. We released our yard tractor product last year and, by the close of this year, you will see another new product come from Small Town, America – Hagerstown, Indiana.

Whenever and wherever we can, we choose products manufactured and owned by American companies. We cordially invite you to visit us before your next purchase. You will see innovation, technology, quality processes and work ethic. You will also see a clean, well-maintained facility, experienced workers and PRIDE – in ourselves, our product, and our country!

Thanks for your business! *Jim*

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Switching to CNG

Over the past several years, American refuse companies have been making the switch from diesel to either CNG (compressed natural gas) or LNG (liquid natural gas) powered engines in their collection fleets. Autocar, with its partner Cummins, is the number one provider of natural gas powered vehicles to the refuse industry.

Gas engine fact: There are over 28,000 natural gas engines in service worldwide.



Side frame rail mounted CNG tank on ACX

America must decrease its dependency on foreign oil and the resulting pricing volatility that is associated with the oil market. Within North America we are fortunate to have large untapped natural gas resources - 2.6 trillion CF at last estimate - enough to supply our needs for more than 100 years. Increased activity is also being seen in the field of landfill gas capture and use as a fuel source, in effect turning waste into green energy. We are embracing the opportunity to use our own natural resources in a manner that is both cost effective and more environmentally conscious.

Natural gas pricing is significantly lower than diesel. The federal government currently provides subsidies of approximately 50 cents a DEG (diesel equivalent gallon) to all fleets using natural gas as a vehicle fuel source. Some states also provide incentives by way of grants to help compensate for the additional costs associated with the purchase of natural gas vehicles.

The ISL-G engine used in Autocar vehicles has remained relatively unchanged since 2007. It provides great performance and durability and is much quieter than its diesel cousin.

Gas engine fact: One diesel engine idling is noisier than 10 gas engines. Communities appreciate the lower operating noise levels.

Natural gas engine emissions control systems are less complicated and weigh less than a 2010 diesel engine. Natural gas engines do not require diesel particulate filters; they don't need DEF (Diesel Exhaust Fluid) so no additional tanks are needed on the truck to store fluids. Gas engines use a self cleaning three-way catalyst that does not require any additional fluids as part of the emissions compliance strategy. Unlike the diesel engine, gas engines don't need to be regenerated on a regular basis and no driver input is required to operate the emissions system.



Tech Doc Direct

The Latest in Service Support



Autocar is pleased to present a new function to the service section of Autocartruck.com. The new comprehensive technical information feature on the Autocar website provides you with more access to technical information than ever before including: electrical schematics, air system schematics, service manuals, PM manuals, body builder information, videos, trouble shooting trees and more. This easy-to-use library of technical data will help you diagnose, troubleshoot, train technicians and develop preventative maintenance checks. Request a login and try it today!

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Autocar Web-Link Direct: 24/7 web-based service putting you in touch with Autocar technical services immediately.

Parts: Complete OEM genuine and "all makes" product lines, supported by over 1,000 suppliers. Use the easy online parts identification/ ordering system, or call our toll-free parts hotline at 866-878-5980.



Talkin' Trash

TM



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Joe Knows...

Natural Gas

The hottest topic in the refuse industry is natural gas powered trucks. Autocar customers report fuel savings per month can reach \$1000 or more! When green technology delivers the green, American businesses jump into action. Autocar has long embraced methane powered engines and has fuel storage onboard for compressed or liquid natural gas. Our proven gas technology delivers to our customers the green environmental leadership image and critical economic savings.

Natural gas is priced lower than diesel fuel at the pump. How much lower varies but currently it is \$1.82* DGE (diesel gallon equivalent) versus the average diesel price per gallon of \$3.49 on-highway reporting. Historically diesel engines were 17% more energy efficient than earlier natural gas engines. Over the last six years, technological improvements have bridged the diesel and natural gas energy efficiency gap to just 7%. Customers specify about 10% more gas storage volume on board and have no fuel shortage issues using natural gas. By using domestically available cleaner burning fuel at a slightly higher rate, the savings in emissions and fuel costs delivers environmental value for our customers and the community.



Factory installed CNG

Fuel efficiency factors that help the Autocar natural gas trucks are proper gearing for terrain, lighter tare weight with our aluminum cross members and aluminum options for tanks, wheels and battery box lids, and the ACX turning radius, which eliminates some of the time in reverse gear. Every little improvement helps save the environment.

Noise pollution is always a concern to the operator and the community. Natural gas powered trucks are quieter than diesel trucks. OSHA allows operators to work for eight hours in a 90 dBA environment and four hours in a 95 dBA environment. At low idle the ISL-G engine hums are 71.5 dBA. Its diesel counterpart measures at 82.9. The ACX cab insulation and interior design delivers the lowest noise levels for driver comfort.

Autocar has been working closely with Cummins Power Systems and Cummins, Inc. to deliver fully integrated natural gas refuse trucks to the market. We have a successful partnership delivering

the fourth generation of engines in our trucks. Our customers operate over 2,000 fuel-efficient, clean-burning and environmentally friendly chassis across the country. Autocar is the leading producer of natural gas powered class eight refuse trucks in America.

*\$12.84 MBTU (Million British Thermal Units)